

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-9 (Canceled)

10. (Currently Amended) A silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~, comprising:

(A) at least one polyorganosiloxane POS (I) having:

a) endgroup siloxyl units of type $M = (R)_2(H)SiO_{1/2}$ in which the R radicals, which may be identical or different, are each an optionally substituted linear or branched C_1 - C_6 alkyl radical and/or a substituted or unsubstituted aryl radical, and

b) identical or different siloxyl units of type $D = (R^1)_p(H)_qSiO_{2/2}$ in which the R^1 radicals have the same definition as R and $\underline{p} = 1$ or 2, $\underline{q} = 0$ or 1 and $\underline{p} + \underline{q} = 2$;

with the proviso that the polyorganosiloxane POS (I) comprises at least two SiH radicals per molecule;

(B) at least one polyorganosiloxane POS (II) having:

a) endgroup siloxyl units of type $M = (X)_s(R^2)_tSiO_{1/2}$ in which the R^2 radicals have the same definition as R, the X radicals are alkenyl radicals having from 2 to 6 carbon atoms, $\underline{s} = 0$ or 1, $\underline{t} = 2$ or 3 and $\underline{s} + \underline{t} = 3$; and

b) identical or different siloxyl units of type $D = (X)_u(R^3)_vSiO_{2/2}$ in which the R^3 radicals have the same definition as R, the X radicals are alkenyl radicals having from 2 to 6 carbon atoms, $\underline{u} = 0$ or 1, $\underline{v} = 1$ or 2 and $\underline{u} + \underline{v} = 2$,

with the proviso that the polyorganosiloxane POS (II) comprises at least two X radicals per molecule;

(C) at least one monofunctional polyorganosiloxane POS (III) which is essentially linear, having less than 2 mol% of siloxyl unit $T = RSiO_{3/2}$, and which comprises, per molecule, one alkenyl radical (X) having from 2 to 6 carbon atoms directly bonded to a silicon atom, the said POS (III) having:

a) identical or different endgroup siloxyl units of type $M = (X)_w(R^4)_xSiO_{1/2}$ in which the R^4 radicals have the same definition as R, $\underline{w} = 0$, $\underline{x} = 3$; and

b) at least one siloxyl unit $D = (X)_y(R^5)_zSiO_{2/2}$ in which the R^5 radicals have the same definition as R, $\underline{y} = 1$, $\underline{z} = 1$,

(D) an effective amount of at least one hydrosilylation reaction catalyst; and

(E) optionally, at least one nonfunctionalized polyorganosiloxane POS (IV) having:

a) endgroup siloxyl units of type $M = (R^6)_3SiO_{1/2}$ in which the R^6 radicals have the same definition as R, and

b) identical or different siloxyl units of type $D = (R^7)_2SiO_{2/2}$ in which the R^7 radicals have the same definition as R;

with the proviso that the amount of the constituents (A), (B), (C) and (E) is such that the molar ratio r of the hydrogen atoms bonded to silicon to the alkenyl radicals (X) bonded to silicon ranges from 0.2:1 to 5:1;

wherein the composition is crosslinkable into a gel by hydrosilylation.

11. (Currently Amended) The silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~ as defined by Claim 10, in which the molar ratio r ranges from 0.5:1 to 1.5:1.

12. (Currently Amended) The silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~ as defined by Claim 10, in which the molar ratio r is 1:1.

13. (Currently Amended) The silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~ as defined by Claim 10, in which the R^1 , R^2 , R^3 , R^4 , R^5 , R^6 , R^7 and R^8 radicals are methyl radicals.

14. (Currently Amended) The silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~ as defined by Claim 10, in which the hydrosilylation reaction catalyst is based on platinum.

15. (Currently Amended) The silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~ as defined by Claim 10, in which:

the POS (I) is substantially linear and has a dynamic viscosity of less than or equal to 10,000 mPa•s;

the POS (II) is substantially linear and has a dynamic viscosity of less than or equal to 200,000 mPa•s;

the POS (III) has a dynamic viscosity of less than or equal to 150,000 mPa•s;
and/or

the POS (IV) is present and is substantially linear and has a dynamic viscosity of less than or equal to 50,000 mPa•s.

16. (Currently Amended) A system ~~with~~ having at least two components (AI) and (BI) comprising the constituents (A), (B), (C) and (D) and optionally the constituent (E) of the silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~ as defined by Claim 10, with the condition that the hydrosilylation reaction catalyst (D) is separate from the constituent (B).

17. (Currently Amended) A crosslinked ~~adhesive~~ gel obtained by crosslinking the silicone composition as defined by Claim 10.

18. (Currently Amended) A crosslinked ~~adhesive~~ gel obtained by crosslinking the system as defined by Claim 16.

19. (Currently Amended) An adhesive, coating, leaktight mastic, encapsulated electronic device, implant, prosthesis, impact-cushioning element, cement or dressing comprising the crosslinked ~~adhesive~~ gel as defined by Claim 17.

20. (Currently Amended) An adhesive, coating, leaktight mastic, encapsulated electronic device, implant, prosthesis, impact-cushioning element, cement or dressing comprising the crosslinked ~~adhesive~~ gel as defined by Claim 18.

21. (Currently Amended) The silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~ as defined by Claim 10, wherein POS (II) and POS (III), the radicals X are vinyl radicals.

22. (Currently Amended) The silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~ as defined by Claim 10, said POS (III) having less than 1.5 mol% of siloxyl unit $T = \text{RSiO}_{3/2}$.

23. (Currently Amended) The silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~ as defined by Claim 10, said POS (III) having less than 1 mol% of siloxyl unit $T = \text{RSiO}_{3/2}$.

24. (Currently Amended) The silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~ as defined by Claim 15, said POS (I) having a dynamic viscosity of less than or equal to 6,000 mPa•s, said POS (II) having a dynamic viscosity of less than or equal to 170,000 mPa•s, said POS (III) having a dynamic viscosity ranging from 20 to 100,000 mPa•s and/or said POS (IV) having a dynamic viscosity ranging from 20 to 40,000 mPa•s.

25. (Currently Amended) The silicone composition ~~crosslinkable into an adhesive gel by hydrosilylation~~ as defined by Claim 23, said POS (I) having a dynamic viscosity ranging from 5 to 5,000 mPa•s and said POS (II) having a dynamic viscosity ranging from 20 to 165,000 mPa•s.

26. (New) A crosslinked adhesive gel obtained by crosslinking the silicone composition as defined by Claim 10.

27. (New) A crosslinked adhesive gel obtained by crosslinking the system as defined by Claim 16.